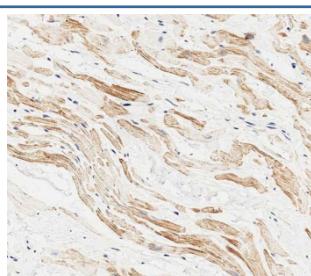


MAP1LC3A antibody (F54514)

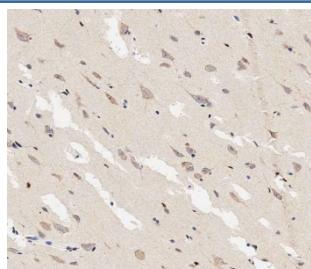
Catalog No.	Formulation	Size
F54514-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54514-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

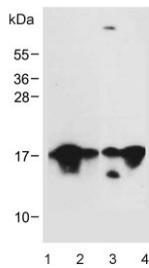
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9H492
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This MAP1LC3A antibody is available for research use only.



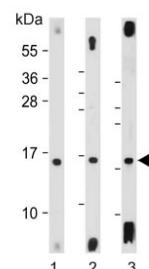
IHC testing of FFPE human heart tissue with MAP1LC3A antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human brain tissue with MAP1LC3A antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of 1) human brain, 2) mouse brain and 3) rat brain lysate with MAP1LC3A antibody. Predicted molecular weight ~14 kDa.



Western blot testing of 1) human brain, 2) mouse brain and 3) rat brain lysate with MAP1LC3A antibody. Predicted molecular weight ~14 kDa.

Description

Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation.

Application Notes

The stated application concentrations are suggested starting points. Titration of the MAP1LC3A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the MAP1LC3A antibody.

Storage

Aliquot the MAP1LC3A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.